

dse as many sheets as necessary) Complete if Known

Application Number: 10/673,693

Filing Date: 09/29/2003

First Named Inventor: Steve Zhihua Zeng

Group Art Unit: 2672

Examiner Name: WANG, Jin Cheng Attorney Docket Number: 1459-0300620

U.S. Patent Document Pages, Columns, Lines, Where Relevant Passages or Relevant Date of Publication Examiner Cite Name of Patentee or Applicant No.1 Initials 1 Number Kind Code 2 of Cited Document of Cited Document (if known) MM-DD-YYYY Figures Appear /JW/ BA 5,844,545 Suzuki et al. 12-01-1998

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner	Cite	Foreign Patent Document			Name of Patentee or	Date of	Pages,	T ₆
Initials *	No.1	Office s	Number	Kind Code 2 (if known)	Applicant of Cited Document	Publication of Cited Document MM-DD-YYYY	Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/JW/	BB	JP	07210670	Α	Terada et al.	08-11-1995		
		T						

PUBLICATIONS

Examiner Initials *	Cite No.1	Title of Publication		ate of Publication f Cited Document MM-DD-YYYY
			·	

Examiner	Llin Chang Monal	Date	06/42/2007
Signature	/Jin Cheng Wang/	Considered	06/13/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/673,693 **Filing Date** INFORMATION DISCLOSURE September 29, 2003 STATEMENT BY APPLICANT **First Named Inventor** Steve Zhihua Zeng Art Unit 2672 (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number Sheet 2 1459-0300620

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JW/	AA	Pedro Assuncao and Mohammad Ghanbari, "Rate Reduction Techniques for MPEG-2 Video Bit Streams," SPIE Vol. 2952, April 1996, 10 pp.	
/JW/	вв	Jae-Young Pyun, "QoS Provisioning for Video Streaming over IEEE 802.11 Wireless LAN," (abridged) IEEE Conference in Consumer Electronics, 6/16/2003, 3 pp. [online] Retrieved from the Internet 7/8/2003 at URL	
/JW/	cc	Krisda Lengwehasatit and Antonio Ortega, "Computationally Scalable Partial Distance Based Fast Search Motion Estimation," Univ. of Southern California, 4 pp., (date unknown)	
/JW/	DD	Manoj Aggarwal and Ajai Narayan, "Efficient Huffman Decoding," 2000 IEEE, 0-7803-6297-7, pp. 936-939.	
/JW/	EE	Peng Yin et al., "Video Transcoding by Reducing Spatial Resolution," Princeton University, Princeton, NJ, 4 pp., 2000	
/JW/	FF	Zhigang Fan and Ricardo de Queiroz, "Maximum Likelihood Estimation of JPEG Quantization Table in the Identification of Bitmap Compression History," Xerox Corporation, Webster, NY, 4 pp. (date unknown)	
/JW/	GG	Luis Ducla Soares et al., "Influence of Encoder Parameters on the Decoded Video Quality for MPEG-4 Over W-CDMA Mobile Networks," NTT DoCoMo, Inc. technical paper, 4 pp. (date unknown)	
/JW/	нн	Thomas Wiegand et al., "Long-Term Memory Motion-Compensated Prediction for Rubust Video Transmission," in Proc. ICIP2000, 4 pp.	
/JW/	11	P. Greg Sherwood et al., "Efficient Image and Channel Coding for Wireless Packet Networks," Univ. of CA, San Diego, CA, Dept. of ECE; 4 pp. (date unknown)	
/JW/	IJ	Donghoon Yu et al., "Fast Motion Estimation for Shape Coding in MPEG-4," 2003 IEEE Transactions on Circuits and Systems for Video Technology, Vol. 13, No. 4, April 2003, pp. 358-363	

Examiner	Llin Chana Wanal	Date	06/13/2007
Signature	/Jin Cheng Wang/	Considered	00/13/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

PTO/SB/088 (04-03) Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Output of information unless it contains a valid OMB control number.

BASE trute for form 1449/PTO				Complete if Known		
				Application Number	10/673,693	
INF	ORMATIO	N DIS	CLOSURE	Filing Date	September 29, 2003	
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Steve Zhihua Zeng	
	#100 00 manus	- h4		Art Unit	2672	
	(Use as many s	sneets as n	ecessary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	1459-0300620	

	1 -	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/JW/	кк	Shine M. Thomas, Rahul Kumar & Vasudha Bhat, "An Efficient Implentation of MPEG-2 (BC1) Layer 1 & Layer 2 Stereo Encoder on Pentium-III Platform", Sasken Communication Technologies Limited, Banalore, India, pp. 1-10.	
	LL		
	ММ	·	
	NN		
	00		
	PP		
	QQ		
	RR		
· · · · · · · · · · · · · · · · · · ·	ss		
	TT		

Examiner	(1) Ol 14/1-1	Date	06/13/2007
Signature	/Jin Cheng Wang/	Considered	06/13/2007

^{&#}x27;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.